

**AMENDMENTS TO THE SPECIFICATION**

**Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.**

--A technique for controlling an AC motor. An electric power is output to the AC motor. The output current of an electric power converter is controlled based on a difference signal of an output current detection signal and a current command signal of the electric power converter. When the AC motor is in a free run condition, current control is conducted by forcing the current command signal to be zero so that a current in the AC motor is made zero. The amplitude and phase and angular velocity of a residual voltage of the AC motor are found based on a calculated output voltage command. --